

Figure 1.

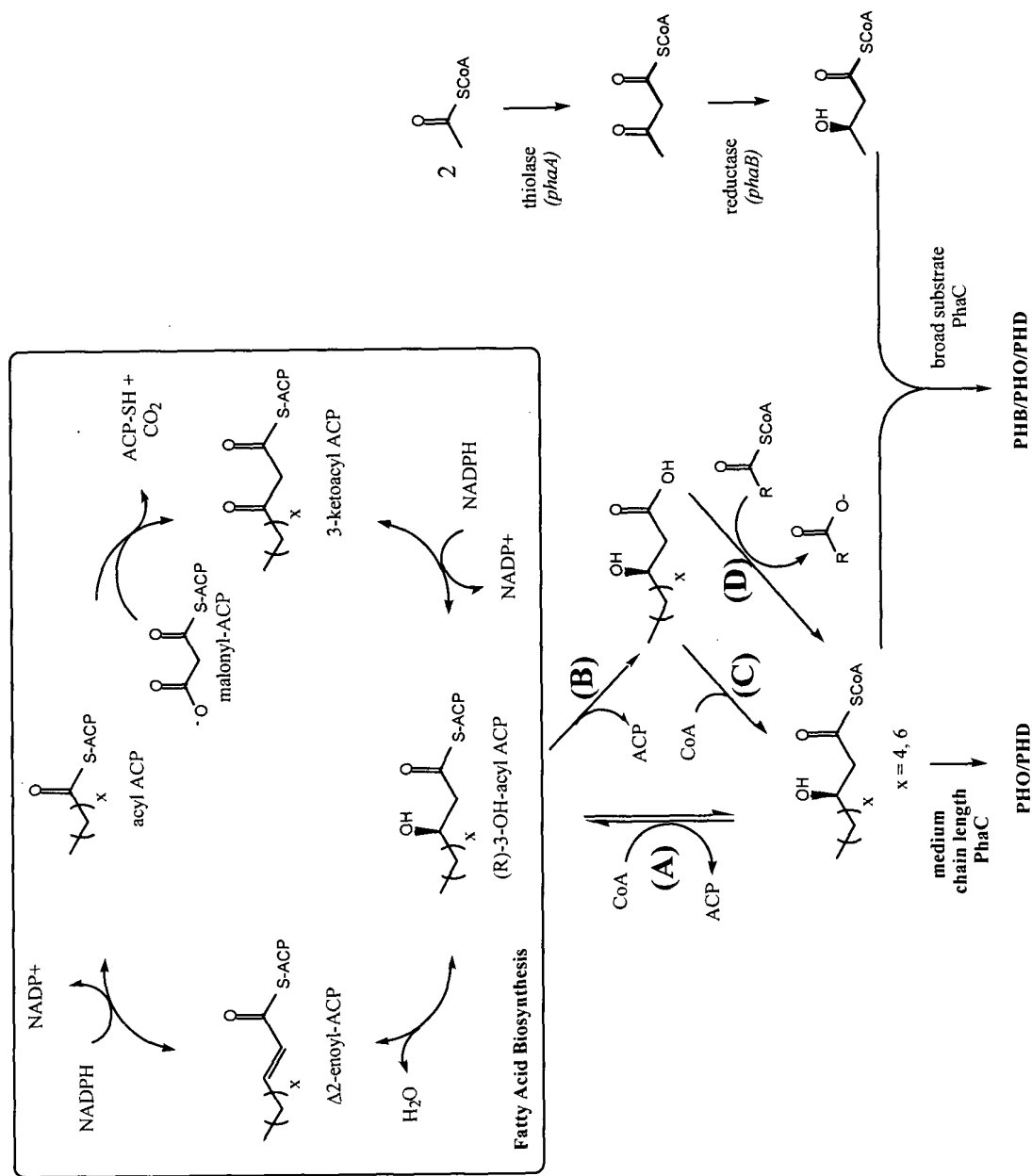
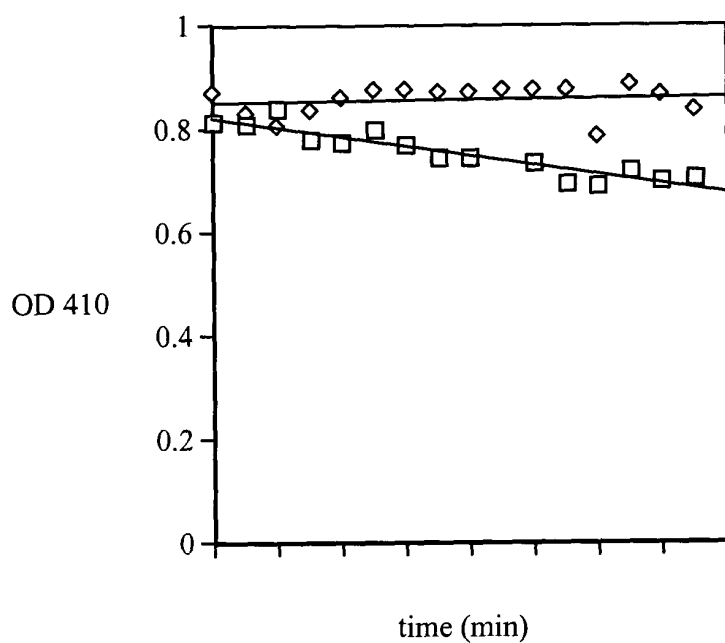


Figure 2.

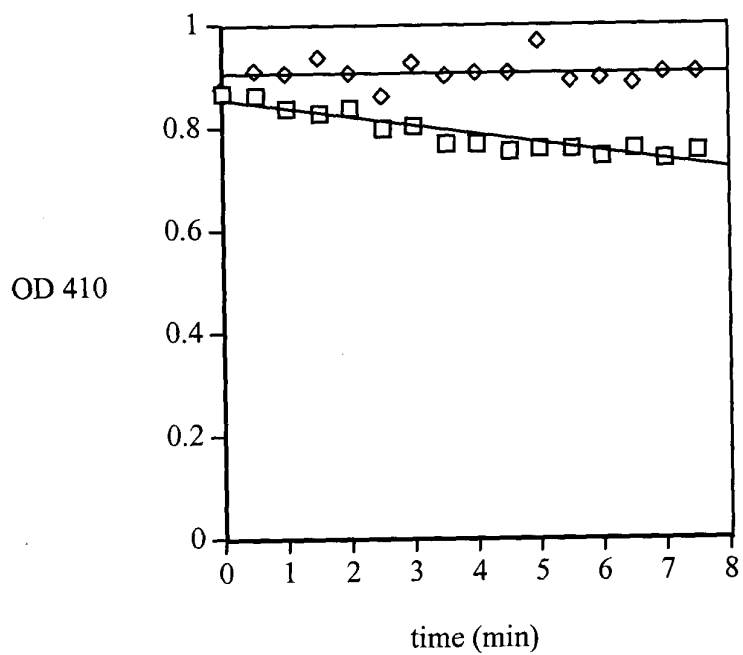
Consumption of CoA in
DH5 α /pTRCNAIkK and DH5 α /pTRCN in
the Presence of Octanoic Acid



- DH5 α /pTRCNAIkK $y = -0.018x + 0.819$
- ◇ DH5 α /pTRCN $y = 0.001x + 0.847$

Figure 3.

Consumption of CoA in
DH5 α /pTRCNAlkK and DH5 α /pTRCN in
the Presence of 3-Hydroxyoctanoic acid



□ DH5 α /pTRCNAlkK $y = -0.017x + 0.858$

◇ DH5 α /pTRCN $y = 0.000x + 0.905$

Figure 4A

pCambia-Rbc.PhaG.PhaC

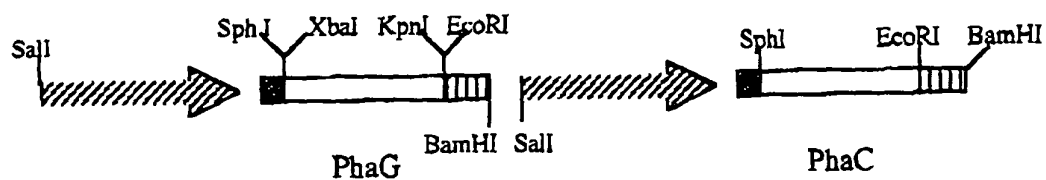
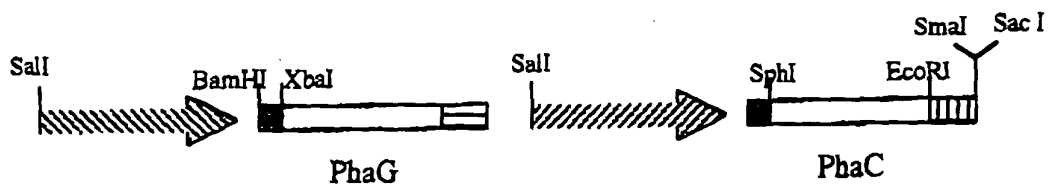








Figure 4B

pBI-C4PPDK.PhaG.Rbc.PhaC



-  rubisco promoter
-  C4PPDK promoter
-  Alfalfa targeting signal
-  Pea targeting signal
-  rubisco terminator
-  NOS terminator

099445-1160109TT-25T660

Figure 5A. Chloroplast PHA Production

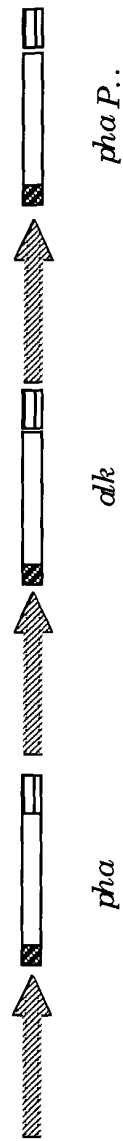


Figure 5B. Cytosolic PHA Production

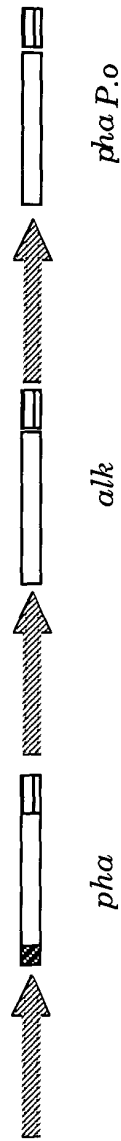
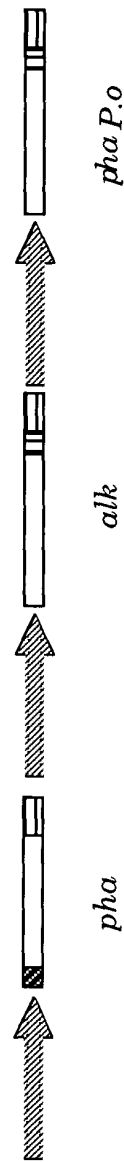


Figure 5C. Peroxisomal Production



-  Leaf-specific
-  Chloroplast
-  Peroxiso targeting
-  Polyadenyla

Figure 6A. Plastid PHA Production

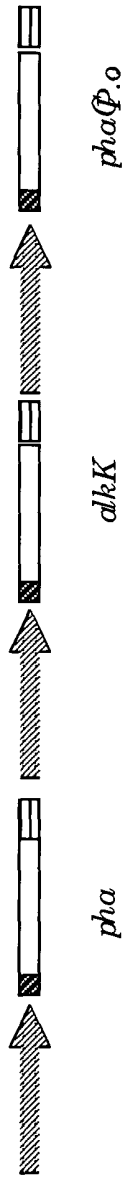


Figure 6B. Cytosolic PHA Production

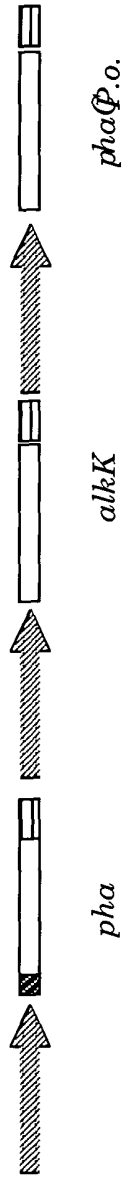
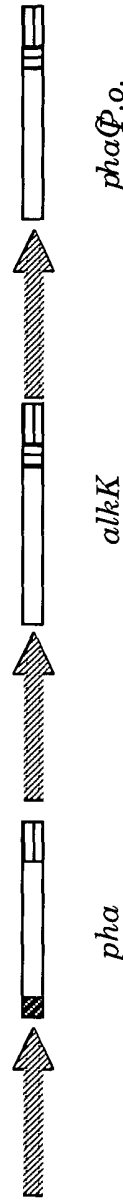


Figure 6C. Peroxisomal PHA Production



- ▨ See-specific
- ▨ Peroxisomtargeting
- ▨ Plastid targeting
- ▨ Polyadenylati